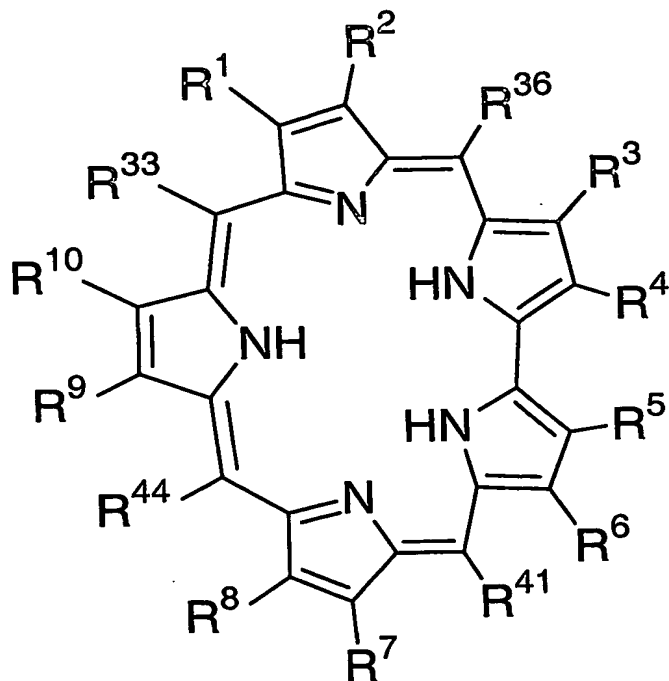


CLAIMS:

1. A compound of Formula I



5

Formula I

its pharmaceutically acceptable salts and prodrugs there of, wherein:

- R<sup>1</sup> represents  $-(CH_2)_{1-4}-O-C(=O)-NR^{31}R^{32}$ ,  $-(CH_2)_{1-4}-X-CH_2-O-(CH_2CH_2O)_{0-3}-$   
 10  $CH_3$ ,  $-C_{1-4}$  alkyl,  $-(CH_2)_{1-4}-R^{21}$ , H,  $-R^{21}$ , or  $-(CH_2)_{1-4}-OH$ ;  
 R<sup>2</sup> represents H,  $-C_{1-4}$  straight chain alkyl, or  $-C_{3-6}$  branched alkyl;  
 R<sup>3</sup> represents H,  $-C_{1-4}$  straight chain alkyl,  $-C_{3-6}$  branched alkyl, halogen,  
 $-NO_2$ ,  $-CN$ , O-alkyl,  $-(CH_2)_{1-4}O-(CH_2)_{1-4}O-(CH_2)_{1-4}O-(CH_2)_{0-2}-CH_3$ ,  $-(CH_2)_{1-4}-$   
 $OH$ , or  $-(CH_2)_{1-4}-OCOCH_3$ ;  
 15 R<sup>4</sup> represents H,  $-C_{1-4}$  straight chain alkyl,  $-C_{3-6}$  branched alkyl, halogen,  
 $-NO_2$ ,  $-CN$ , O-alkyl,  $-(CH_2)_{1-4}-OH$ ,  $-(CH_2)_{1-4}O-(CH_2)_{1-4}O-(CH_2)_{1-4}O-(CH_2)_{0-2}-$   
 $CH_3$ , or  $-(CH_2)_{1-4}-OCOCH_3$ ;

$R^5$  represents H,  $-C_{1-4}$  straight chain alkyl,  $-C_{3-6}$  branched alkyl, halogen,  $-NO_2$ ,  $-CN$ ,  $-O$ -alkyl,  $-(CH_2)_{1-4}-OH$ ,  $-(CH_2)_{1-4}O-(CH_2)_{1-4}O-(CH_2)_{1-4}O-(CH_2)_{0-2}-CH_3$ , or  $-(CH_2)_{1-4}-OCOCH_3$ ;

$R^6$  represents H,  $C_{1-4}$  straight chain alkyl,  $C_{3-6}$  branched alkyl, halogen,  $NO_2$ ,  $-CN$ ,  $O$ -alkyl,  $-(CH_2)_{1-4}-OH$ ,  $-(CH_2)_{1-4}O-(CH_2)_{1-4}O-(CH_2)_{1-4}O-(CH_2)_{0-2}-CH_3$ , or  $-(CH_2)_{1-4}-OCOCH_3$ ;

$R^7$  represents H,  $-C_{1-4}$  straight chain alkyl, or  $-C_{3-6}$  branched alkyl;

$R^8$  represents  $-(CH_2)_{1-4}-X-CH_2-O-(CH_2CH_2O)_{0-3}-CH_3$ ,  $-C_{1-4}$  alkyl,  $-(CH_2)_{1-4}-R^{21}$ ,  $-R^{21}$ , H,  $-(CH_2)_{1-4}-O-C(=O)-NR^{31}R^{32}$ , or  $(CH_2)_{1-4}-OH$ ;

10  $R^9$  represents  $-C_{1-4}$  straight chain alkyl,  $-C_{3-6}$  branched alkyl, H,  $-O-C_{1-4}$ -alkyl,  $-O-C_{3-6}$  branched alkyl, or  $-(CH_2)_{1-4}O-(CH_2)_{1-4}O-(CH_2)_{1-4}O-(CH_2)_{0-2}-CH_3$ ;

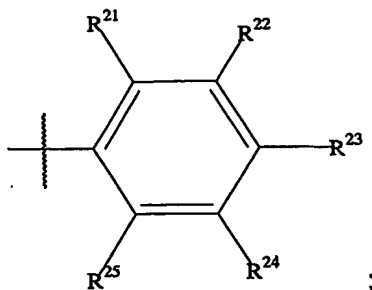
$R^{10}$  represents H,  $-C_{1-4}$  straight chain alkyl,  $-C_{3-6}$  branched alkyl;  $-O-C_{1-4}$ -alkyl, or  $-O-C_{3-6}$  branched alkyl; X represents  $-OCO_2CH_2-$ ,  $-O_2C-$ ,  $-NHCO-$ ,  $-OCONHCH_2-$ ,  $-NHCO_2CH_2-$ ,  $-NHCONHCH_2-$ , or  $-NHCH_2-$ ;

15  $R^{21}$ ,  $R^{22}$ ,  $R^{23}$ ,  $R^{24}$ , and  $R^{25}$  independently at each occurrence are selected from H,  $-CH_2OH$ ,  $-CH_2NH_2$ ,  $-CH_2N(C_2H_4OH)_2$ ,  $-COOH$ ,  $-CON(C_2H_4OH)_2$ ,  $-OCON(C_2H_4OH)_2$ ,  $-NHCON(C_2H_4OH)_2$ , and  $-O(CH_2CH_2O)_{0-3}CH_3$ ;

$R^{31}$  represents H,  $-(CH_2)_{1-6}OH$ ,  $C((CH_2)_{1-4}OH)_3$ ,  $-C((CH_2)_{1-4}O-alkyl)_3$ ,  $-(CH_2)_{1-6}O-alkyl$ , or  $-(CH_2)_{1-4}O-(CH_2)_{1-4}O-(CH_2)_{1-4}O-(CH_2)_{0-2}-CH_3$ ;

20  $R^{32}$  represents H,  $-(CH_2)_{1-6}OH$ ,  $-C((CH_2)_{1-4}OH)_3$ ,  $-C((CH_2)_{1-4}O-alkyl)_3$ ,  $-(CH_2)_{1-6}O-alkyl$ , or  $-(CH_2)_{1-4}O-(CH_2)_{1-4}O-(CH_2)_{1-4}O-(CH_2)_{0-2}-CH_3$ ;

$R^{33}$  represents H,  $-C_{1-4}$  alkyl,  $-O-C_{1-4}$ -alkyl,  $-O-C_{3-6}$  branched alkyl, or

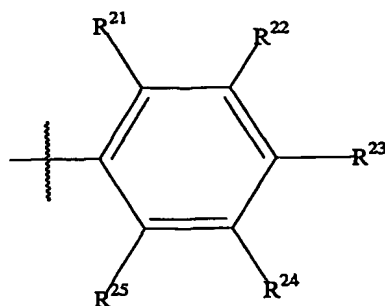


25  $R^{36}$  represents H or  $-C_{1-4}$  alkyl;

$R^{37}$  represents H or  $-C_{1-4}$  alkyl;

R<sup>41</sup> represents H or -C<sub>1-4</sub> alkyl; and

R<sup>44</sup> represents H, -C<sub>1-4</sub> alkyl, -O-C<sub>1-4</sub> alkyl, or



5

2. A compound of Claim 1 wherein:

R<sup>1</sup> represents -(CH<sub>2</sub>)<sub>3</sub>-O-C(=O)-NR<sup>31</sup>R<sup>32</sup>;

R<sup>2</sup> represents -C<sub>1-4</sub> straight chain alkyl, or -C<sub>3-6</sub> branched alkyl;

R<sup>3</sup> represents -C<sub>1-4</sub> straight chain alkyl, -C<sub>3-6</sub> branched alkyl, halogen,

10 -(CH<sub>2</sub>)<sub>1-4</sub>O-(CH<sub>2</sub>)<sub>1-4</sub>O-(CH<sub>2</sub>)<sub>1-4</sub>O-(CH<sub>2</sub>)<sub>0-2</sub>-CH<sub>3</sub>, -O-alkyl, (CH<sub>2</sub>)<sub>1-4</sub>-OH, or -(CH<sub>2</sub>)<sub>1-4</sub>-OCOCH<sub>3</sub>;

R<sup>4</sup> represents -C<sub>1-4</sub> straight chain alkyl, -C<sub>3-5</sub> branched alkyl, halogen, -(CH<sub>2</sub>)<sub>1-4</sub>-OH, or -(CH<sub>2</sub>)<sub>1-3</sub>-OCOCH<sub>3</sub>;

15 R<sup>5</sup> represents -C<sub>1-3</sub> straight chain alkyl, -C<sub>3-5</sub> branched alkyl, halogen, -O-alkyl, -(CH<sub>2</sub>)<sub>1-3</sub>-OH, -(CH<sub>2</sub>)<sub>1-4</sub>O-(CH<sub>2</sub>)<sub>1-4</sub>O-(CH<sub>2</sub>)<sub>1-4</sub>O-(CH<sub>2</sub>)<sub>0-2</sub>-CH<sub>3</sub>, or -(CH<sub>2</sub>)<sub>1-3</sub>-OCOCH<sub>3</sub>;

R<sup>6</sup> represents -C<sub>1-3</sub> straight chain alkyl, -C<sub>3-5</sub> branched alkyl, halogen, -O-alkyl, -(CH<sub>2</sub>)<sub>1-3</sub>-OH, -(CH<sub>2</sub>)<sub>1-3</sub>O-(CH<sub>2</sub>)<sub>1-4</sub>O-(CH<sub>2</sub>)<sub>1-4</sub>O-(CH<sub>2</sub>)<sub>0-2</sub>-CH<sub>3</sub>, or -(CH<sub>2</sub>)<sub>1-4</sub>-OCOCH<sub>3</sub>;

20 R<sup>7</sup> represents -C<sub>1-3</sub> straight chain alkyl, or -C<sub>3-5</sub> branched alkyl;

R<sup>8</sup> represents -(CH<sub>2</sub>)<sub>2-4</sub>-O-C(=O)-NR<sup>31</sup>R<sup>32</sup>;

R<sup>9</sup> represents -C<sub>1-3</sub> straight chain alkyl, -C<sub>3-5</sub> branched alkyl, -(CH<sub>2</sub>)<sub>2-4</sub>O-(CH<sub>2</sub>)<sub>1-4</sub>O-(CH<sub>2</sub>)<sub>1-4</sub>O-(CH<sub>2</sub>)<sub>0-2</sub>-CH<sub>3</sub>, or -O-alkyl;

R<sup>10</sup> represents -C<sub>1-4</sub> straight chain alkyl, -C<sub>3-6</sub> branched alkyl, or -O-alkyl;

25

$R^{31}$  represents H, or  $-(CH_2)_{2-4}O-(CH_2)_{1-4}O-(CH_2)_{1-4}O-(CH_2)_{0-2}-CH_3$ ; and  
 $R^{32}$  represents H, or  $-(CH_2)_{2-4}O-(CH_2)_{1-4}O-(CH_2)_{1-4}O-(CH_2)_{0-2}-CH_3$ .

3. A compound of Claim 1 wherein:

- 5  $R^2$  represents  $-CH_3$ ;  
 $R^3$  represents  $-CH_3$ ,  $-C_2H_5$ , or  $-OCH_3$ ;  
 $R^4$  represents  $-CH_3$ , or  $-C_2H_5$ ;  
 $R^5$  represents  $-CH_3$ ,  $-C_2H_5$ , or  $-OCH_3$ ;  
 $R^6$  represents  $-CH_3$ ,  $-C_2H_5$ , or  $-OCH_3$ ;  
10  $R^7$  represents  $-CH_3$ ;  
 $R^9$  represents  $-CH_3$ ,  $-C_2H_5$ , or  $-OCH_3$ ;  
 $R^{10}$  represents  $-CH_3$ ,  $-C_2H_5$ , or  $-OCH_3$ ;  
 $R^{31}$  represents  $-(CH_2)_2-O-(CH_2)_2-O-(CH_2)_2-O-CH_3$ ;  
 $R^{32}$  represents  $-(CH_2)_2-O-(CH_2)_2-O-(CH_2)_2-O-CH_3$ ; and  
15  $R^{33}$ ,  $R^{36}$ ,  $R^{41}$  and  $R^{44}$  represent H.

4. A compound of Claim 1, wherein:

- $R^1$  represents  $-(CH_2)_3-O-C(=O)-NR^{31}R^{32}$ ;  
 $R^2$  represents  $-CH_3$ ;  
20  $R^3$  represents  $-CH_3$ , or  $-C_2H_5$ ;  
 $R^4$  represents  $-CH_3$ , or  $-C_2H_5$ ;  
 $R^5$  represents  $-CH_3$ , or  $-C_2H_5$ ;  
 $R^6$  represents  $-CH_3$ ,  $-C_2H_5$ , or  $-OCH_3$ ;  
 $R^7$  represents  $-CH_3$ ;  
25  $R^9$  represents  $-CH_3$ ,  $-C_2H_5$ , or  $-OCH_3$ ;  
 $R^{10}$  represents  $-CH_3$ ,  $-C_2H_5$ , or  $-OCH_3$ ;  
 $R^{31}$  represents  $-(CH_2)_2-O-(CH_2)_2-O-(CH_2)_2-O-CH_3$ ;  
 $R^{32}$  represents  $-(CH_2)_2-O-(CH_2)_2-O-(CH_2)_2-O-CH_3$ ; and  
 $R^{33}$ ,  $R^{36}$ ,  $R^{41}$  and  $R^{44}$  represent H.

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5. A compound of Claim 1 wherein:

$R^1$  represents  $-(CH_2)_{1-3}-O-C(=O)-NR^{31}R^{32}$ ;

$R^2$  represents  $-CH_3$ ;

$R^3$  represents  $-C_2H_5$ ;

5  $R^4$  represents  $-CH_3$ ;

$R^5$  represents  $-CH_3$ ;

$R^6$  represents  $-C_2H_5$ ;

$R^7$  represents  $-CH_3$ ;

$R^8$  represents  $-(CH_2)_{1-3}-O-C(=O)-NR^{31}R^{32}$ ;

10  $R^9$  represents  $-C_2H_5$ ;

$R^{10}$  represents  $-C_2H_5$ ;

$R^{31}$  represents  $-(CH_2-CH_2O)_3CH_3$  ;

$R^{32}$  represents  $-(CH_2-CH_2O)_3CH_3$ ; and

$R^{33}$ ,  $R^{36}$ ,  $R^{41}$  and  $R^{44}$  represent H.

15

6. A compound of Claim 1, wherein:

$R^1$  represents  $-(CH_2)_{1-3}-O-C(=O)-NR^{31}R^{32}$ ;

$R^2$  represents  $-CH_3$ ;

$R^3$  represents  $-C_2H_5$ ;

20  $R^4$  represents  $-C_2H_5$ ;

$R^5$  represents  $-C_2H_5$ ;

$R^6$  represents  $-C_2H_5$ ;

$R^7$  represents  $-CH_3$ ;

$R^8$  represents  $-(CH_2)_{1-3}-O-C(=O)-NR^{31}R^{32}$ ;

25  $R^9$  represents  $-C_2H_5$ ;

$R^{10}$  represents  $-C_2H_5$ ;

$R^{31}$  represents  $-(CH_2-CH_2O)_3CH_3$  ;

$R^{32}$  represents  $-(CH_2-CH_2O)_3CH_3$ ; and

$R^{33}$ ,  $R^{36}$ ,  $R^{41}$  and  $R^{44}$  represent H.

30

7. A compound of Claim 1, wherein:

$R^1$  represents  $-(CH_2)_2-O-C(=O)-NR^{31}R^{32}$ ;

$R^2$  represents  $-CH_3$ ;

$R^3$  represents  $-C_2H_5$ ;

5  $R^4$  represents  $-C_2H_5$ ;

$R^5$  represents  $-C_2H_5$ ;

$R^6$  represents  $-C_2H_5$ ;

$R^7$  represents  $-CH_3$ ;

$R^8$  represents  $-(CH_2)_2-O-C(=O)-NR^{31}R^{32}$ ;

10  $R^9$  represents  $-C_2H_5$ ;

$R^{10}$  represents  $-C_2H_5$ ;

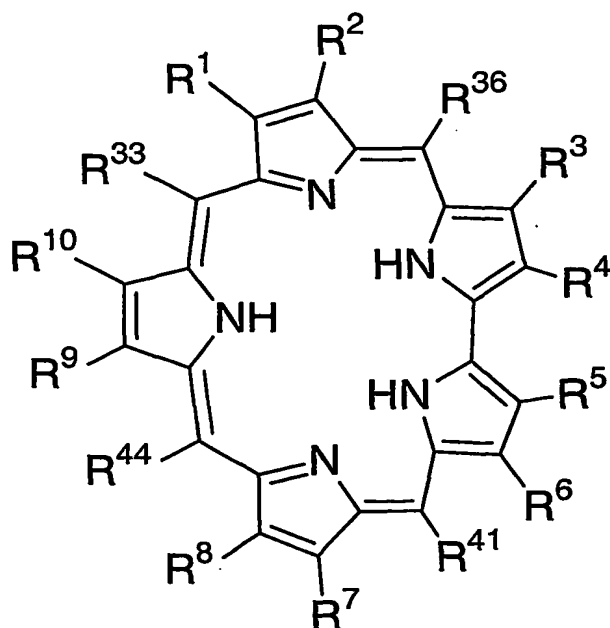
$R^{31}$  represents  $-(CH_2)_2OH$ ;

$R^{32}$  represents  $-(CH_2)_2OH$ ; and

$R^{33}$ ,  $R^{36}$ ,  $R^{41}$  and  $R^{44}$  represent H.

15

8. A compound of Formula I:



wherein:

$R^1$  represents  $-(CH_2)_2-O-C(=O)-NR^{31}R^{32}$ ;

$R^2$  represents  $-CH_3$ ;

$R^3$  represents  $-CH_3$ ,  $-C_2H_5$ , or  $-OCH_3$ ;

5  $R^4$  represents  $-CH_3$ , or  $-C_2H_5$ ;

$R^5$  represents  $-CH_3$ ,  $-C_2H_5$ , or  $-OCH_3$ ;

$R^6$  represents  $-CH_3$ ,  $-C_2H_5$ , or  $-OCH_3$ ;

$R^7$  represents  $-CH_3$ ;

$R^8$  represents  $-(CH_2)_2-O-C(=O)-NR^{31}R^{32}$ ;

10  $R^9$  represents  $-CH_3$ ,  $-C_2H_5$ , or  $-OCH_3$ ;

$R^{10}$  represents  $-CH_3$ ,  $-C_2H_5$ , or  $-OCH_3$ ;

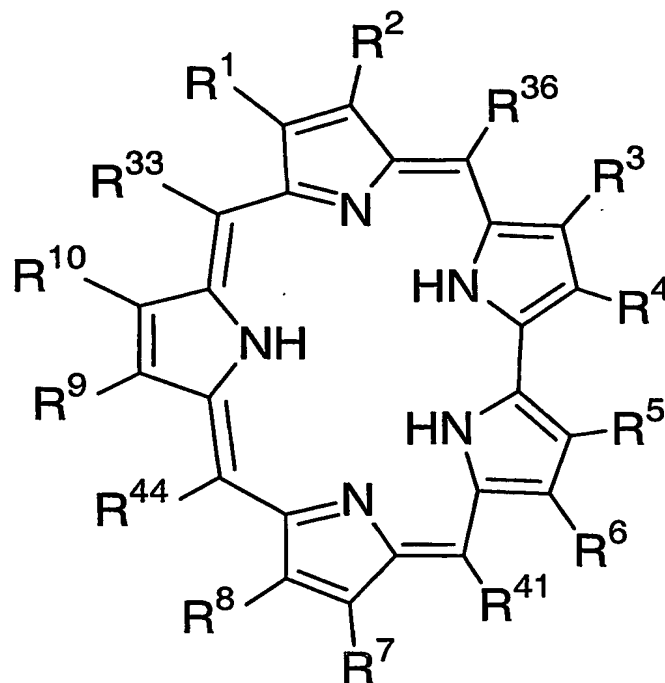
$R^{31}$  represents  $-(CH_2)_2-O-(CH_2)_2-O-(CH_2)_2-O-CH_3$ ;

$R^{32}$  represents  $-(CH_2)_2-O-(CH_2)_2-O-(CH_2)_2-O-CH_3$ ; and

$R^{33}$ ,  $R^{36}$ ,  $R^{41}$  and  $R^{44}$  represent H.

15

9. A compound of Formula I:



wherein:

$R^1$  represents  $-(CH_2)_2-O-C(=O)-NR^{31}R^{32}$ ;

$R^2$  represents  $-CH_3$ ;

$R^3$  represents  $-C_2H_5$ , or  $-OCH_3$ ;

5  $R^4$  represents  $-CH_3$ ;

$R^5$  represents  $-CH_3$ ;

$R^6$  represents  $-C_2H_5$ , or  $-OCH_3$ ;

$R^7$  represents  $-CH_3$ ;

$R^8$  represents  $-(CH_2)_2-O-C(=O)-NR^{31}R^{32}$ ;

10  $R^9$  represents  $-CH_3$ ,  $-C_2H_5$ , or  $-OCH_3$ ;

$R^{10}$  represents  $-CH_3$ ,  $-C_2H_5$ , or  $-OCH_3$ ;

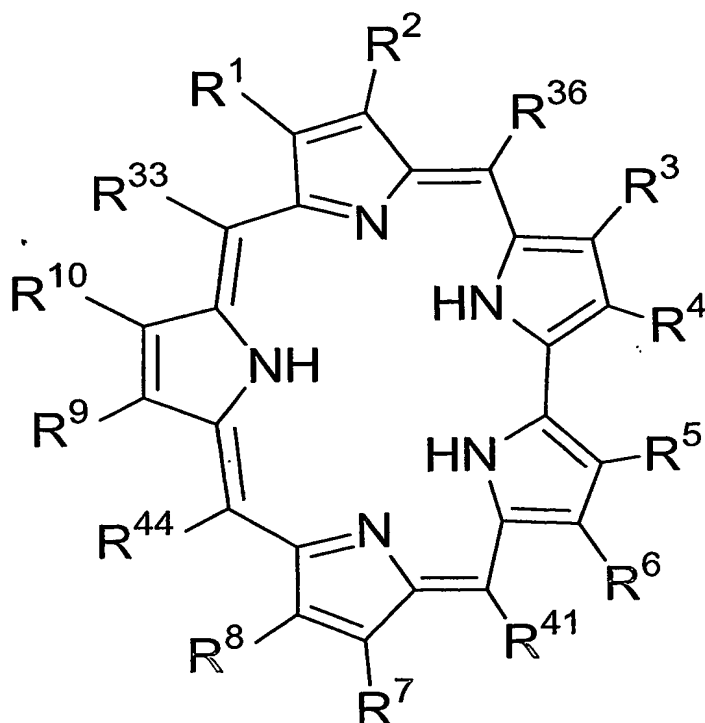
$R^{31}$  represents  $-(CH_2)_2-O-(CH_2)_2-O-(CH_2)_2-O-CH_3$ ;

$R^{32}$  represents  $-(CH_2)_2-O-(CH_2)_2-O-(CH_2)_2-O-CH_3$ ; and

$R^{33}$ ,  $R^{36}$ ,  $R^{41}$  and  $R^{44}$  represent H.

15

10. A compound of Formula I:





wherein:

R<sup>1</sup> represents  $-(\text{CH}_2)_2-\text{O}-\text{C}(=\text{O})-\text{NR}^{31}\text{R}^{32}$ ;

R<sup>2</sup> represents  $-\text{CH}_3$ ;

5 R<sup>3</sup> represents  $-\text{C}_2\text{H}_5$ ;

R<sup>4</sup> represents  $-\text{CH}_3$ ;

R<sup>5</sup> represents  $-\text{CH}_3$ ;

R<sup>6</sup> represents  $-\text{C}_2\text{H}_5$ ;

R<sup>7</sup> represents  $-\text{CH}_3$ ;

10 R<sup>8</sup> represents  $-(\text{CH}_2)_2-\text{O}-\text{C}(=\text{O})-\text{NR}^{31}\text{R}^{32}$ ;

R<sup>9</sup> represents  $-\text{C}_2\text{H}_5$ ;

R<sup>10</sup> represents  $-\text{C}_2\text{H}_5$ ;

R<sup>31</sup> represents  $-(\text{CH}_2)_2-\text{O}-(\text{CH}_2)_2-\text{O}-(\text{CH}_2)_2-\text{O}-\text{CH}_3$ ;

R<sup>32</sup> represents  $-(\text{CH}_2)_2-\text{O}-(\text{CH}_2)_2-\text{O}-(\text{CH}_2)_2-\text{O}-\text{CH}_3$ ; and

15 R<sup>33</sup>, R<sup>36</sup>, R<sup>41</sup> and R<sup>44</sup> represent H.

11. A pharmaceutical composition, comprising a pharmaceutically acceptable carrier and a therapeutically effective amount of a compound of Claim 1 or a pharmaceutically acceptable salt form thereof.

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12. A pharmaceutical composition, comprising a pharmaceutically acceptable carrier and a therapeutically effective amount of a compound of Claim 8 or a pharmaceutically acceptable salt form thereof.

25 13. A pharmaceutical composition, comprising a pharmaceutically acceptable carrier and a therapeutically effective amount of a compound of Claim 9 or a pharmaceutically acceptable salt form thereof.

30 14. A pharmaceutical composition, comprising a pharmaceutically acceptable carrier and a therapeutically effective amount of a compound of Claim 10 or a pharmaceutically acceptable salt form thereof.

15. A pharmaceutical composition, comprising a pharmaceutically acceptable carrier and a therapeutically effective amount of a compound of Claim 5 or a pharmaceutically acceptable salt form thereof.

5 16. A pharmaceutical composition, comprising a pharmaceutically acceptable carrier and a therapeutically effective amount of a compound of Claim 6 or a pharmaceutically acceptable salt form thereof.

10 17. A method of treating a host harboring a neoplasm comprising administering to the host a Formula I compound of Claim 1.

18. A method of treating a host harboring a neoplasm comprising administering to the host a Formula I compound of Claim 5.

15 19. A method of treating a host harboring a neoplasm comprising administering to the host a Formula I compound of Claim 6.

20 20. A method of treating a host harboring a neoplasm comprising administering to the host a Formula I compound of Claim 8.

21. A method of treating a host harboring a neoplasm comprising administering to the host a Formula I compound of Claim 9.

25 22. A method of treating a host harboring a neoplasm comprising administering to the host a Formula I compound of Claim 10.